



PATENT
ATTORNEY DOCKET NO.: 054216-5006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)

Cha Deok DONG et al.)

Application No. 10/004,784)

Filed: December 7, 2001)

For: METHOD OF MANUFACTURING)
FLASH MEMORY DEVICE)

Commissioner for Patents
Washington, DC 20231

Sir:

Group Art Unit: 2823

Examiner: Suk San Foong

RECEIVED
FEB 10 2003
TECHNOLOGY CENTER 2800

RECEIVED
FEB 10 2003
TECHNOLOGY CENTER 2800

Cancelled

AMENDMENT TRANSMITTAL FORM

1. Transmitted herewith is an Amendment in response to the Office Action dated November 7, 2002 (Paper No. 6).
2. Additional papers enclosed:

- ☐ Terminal Disclaimer to Obviate a Double Patenting Rejection Over a Prior Patent
- ☐ Request for Approval of Drawing Changes (with marked-up Figures attached)
- ☐ Submission of Formal Drawings (with Figures attached)
- ☐ Information Disclosure Statement
- ☐ Form PTO-1449, _____ reference included
- ☐ Verification of a Translation (with attached English Translation of priority document)
- ☐ Declaration of Biological Deposit
- ☐ Submission of "Sequence Listing", computer readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleotide and/or amino acid sequence.

3. Extension of Time

The proceedings herein are for a patent application and the provisions of 37 C.F.R. § 1.136(a) apply.

☒ Applicants believe that no extension of time is required. However, this conditional petition is being made to provide for the possibility that Applicants have inadvertently overlooked the need for a petition and fee for extension of time.

☐ Applicants petition for an extension of time, the fees for which are set out in 37 C.F.R. § 1.17(a), for the total number of months checked below:

<u>Total Months Requested</u>	<u>Fee for Extension</u>	<u>[Fee for Small Entity]</u>
<input type="checkbox"/> one month	\$ 110.00	\$ 55.00
<input type="checkbox"/> two months	\$ 410.00	\$ 205.00
<input type="checkbox"/> three months	\$ 930.00	\$ 465.00
<input type="checkbox"/> four months	\$ 1,450.00	\$ 725.00

Extension of time fee due with this request: \$ 0.00.

If an additional extension of time is required, please consider this a Petition therefor.

☐ An extension for _____ months has already been secured and the fee paid therefor of \$_____ is deducted from the total fee due for the total months of extension now requested.

4. Constructive Petition

☒ EXCEPT for issue fees payable under 37 C.F.R. § 1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R. §§ 1.16 and 1.17 which may be required, including any required extension of time fees, or credit any overpayment to Deposit Account 50-0310. This paragraph is intended to be a CONSTRUCTIVE PETITION FOR EXTENSION OF TIME in accordance with 37 C.F.R. § 1.136(a)(3).

5. Fee Calculation (37 C.F.R. §1.16)

CLAIMS AS AMENDED						
	Claims Remaining After Amendment		Highest No. Previously Paid	Present Extra	at Rate of	Total Fees
Total Claims (37 C.F.R. §1.16(c))	10	minus	20	0	x \$18 each=	+ \$0.00
Independent Claims (37 C.F.R. §1.16(b))	2	minus	3	0	x \$84 each=	+ \$0.00
[] First presentation of Multiple dependent claim(s)					\$280.00	+ \$0.00
SUB-TOTAL =						\$0.00
Reduction by ½ for filing by a small entity						- \$0.00
TOTAL FEE =						\$0.00

6. Fee Payment

- ☒ No fee is to be paid at this time.
- ☐ The Commissioner is hereby authorized to charge \$ 0.00 for the one-month extension of time fee to Deposit Account No. 50-0310.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, including fees due under 37 C.F.R. §§ 1.16 and 1.17, or credit any overpayment to Deposit Account 50-0310.

Respectfully submitted,

MORGAN, LEWIS & BOCKIUS LLP

Dated: February 7, 2003

By:



Paul A. Fournier

Registration No. 41,023

Customer No. 09629

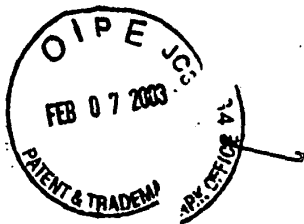
MORGAN, LEWIS & BOCKIUS LLP

1111 Pennsylvania Avenue, N.W.

Washington, D.C. 20004

Telephone: (202) 739-3000

Facsimile: (202) 739-3001



7/B
1/13/03
PATENT

ATTORNEY DOCKET NO.: 054216-5006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re App[']lication of:

Ch₁ Deok DONG et al.

A₁pplication No. 10/004,784

Filed: December 7, 2001

For: METHOD OF MANUFACTURING
FLASH MEMORY DEVICE

Group Art Unit: 2823

Examiner: Suk San Foong

Commissioner for Patents
Washington, DC 20231

Sir:

AMENDMENT

In response to the Office Action dated November 7, 2002 (Paper No. 6), the period for response to which extends through February 7, 2003, please amend the above-identified application as follows:

IN THE ABSTRACT:

Please replace the abstract with the following:

B¹ -- The present invention relates to a method of manufacturing a flash memory device. In case of forming a dielectric film consisting of a lower oxide film, a nitride film and upper oxide film that is formed between a floating gate and a control gate, a nitrification process is performed after the lower oxide film is formed, thus forming a nitrogen-containing layer below the lower